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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number		10/600,931	
				Filing Date		6/20/2003	
				First Named Inventor:		SHIN, Won Sun	
				Examiner: Unknown		GROUP: 2811	
Sheet		1		of		6	
				Attorney Docket Number		AMK-AB1027-1D	
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cited No. ¹	U.S. Patent Document Number Kind Code ² (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear	
ca	A01	4,763,188		Johnson	8/9/88		
ca	A02	5,025,306		Johnson et al.	6/18/91		
ca	A03	5,291,061		Ball	3/1/94		
ca	A04	5,323,060		Fogal et al.	6/21/94		
ca	A05	5,721,452		Fogal et al.	2/24/98		
ca	A06	5,739,581		Chillara et al.	4/14/98		
ca	A07	5,815,372		Gallas	9/29/98		
ca	A08	5,886,412		Fogal et al.	3/23/99		
ca	A09	Re. 36,613		Ball	3/14/00		
ca	A10	6,005,778		Spielberger et al.	12/21/99		
ca	A11	6,051,886		Fogal et al.	4/18/00		
FOREIGN PATENT DOCUMENTS							
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ca	A12	JP	62-126661		6/8/87		
ca	A13	JP	4-56262		2/24/92		
ca	A14	JP	63-244654		10/12/88		
ca	A15	JP	5136323		6/1/93		
ca	A16	JP	5109975		4/30/93		
ca	A17	JP	61117858		6/5/86		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>DeLy</i>				DATE CONSIDERED <i>12-15-04</i>			

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<i>a</i>	A18	6,057,598		Payne et al.	5/2/00		
<i>ca</i>	A19	5,502,289		Takiar et al.	3/26/96		
<i>ca</i>	A20	5,793,108		Nakahishi et al.	8/11/98		
<i>ca</i>	A21	5,973,403		Wark	10/26/99		
<i>ca</i>	A22	5,696,031		Wark	12/9/97		
<i>ca</i>	A23	5,495,398		Takiar et al.	2/27/96		
<i>ca</i>	A24	5,463,253		Waki et al.	10/31/95		
<i>ca</i>	A25	5,012,323		Farnworth	4/30/91		
<i>ca</i>	A26	5,689,135		Ball	11/18/97		
<i>ca</i>	A27	5,347,429		Kohn et al.	9/13/94		
<i>ca</i>	A28	6,080,264		Ball	6/27/00		
FOREIGN PATENT DOCUMENTS							
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<i>ca</i>	A29	JP	4028260		1/30/92		
<i>ca</i>	A30	JP	4116859		4/17/92		
<i>ca</i>	A31	JP	4096358		3/27/92		
<i>ca</i>	A32	JP	5013665		1/22/93		
<i>ca</i>	A33	JP	1028856		1/31/89		
<i>ca</i>	A34	JP	1099248		4/18/89		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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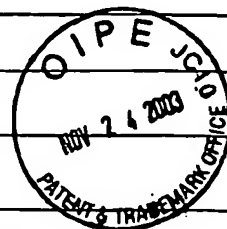
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OK	A35	5,422,435		Takiar et al.	6/6/95		
OK	A36	6,072,243		Nakanishi	6/6/00		
OK	A37	6,214,641		Akram	4/10/01		
OK	A38	5,715,147		Nagano	2/3/98		
OK	A39	6,133,637		Hikita et al.	10/17/00		
OK	A40	6,198,171		Huang et al.	3/6/01		
OK	A41	5,200,362		Lin et al.	4/6/93		
OK	A42	5,273,938		Lin et al.	12/28/93		
OK	A43	5,474,958		Djennas et al.	12/12/95		
OK	A44	5,604,376		Hamburgen et al.	2/18/97		
OK	A45	5,620,928		Lee et al.	4/15/97		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cited No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear	T ⁶
OK	A46	JP	60182731		9/18/85		
OK	A47	JP	56062351		5/28/81		
OK	A48	JP	3169062		7/22/91		
OK	A49	JP	10-256470		9/25/98		
OK	A50	JP	1071162 A		3/16/89		
OK	A51	JP	5-75015 (A)		3/26/93		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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Sheet	4	of	6	Attorney Docket Number	AMK-AB1027-1D



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CL	A52	5,894,108		Mostafazadeh et al.	4/13/99	
OK	A53	5,835,355		Dordi	11/10/98	
OK	A54	5,903,052		Chen et al.	5/11/99	
OK	A55	6,013,948		Akram et al.	1/11/00	
OK	A56	6,034,427		Lan et al.	3/7/00	
OK	A57	6,127,833		Wu et al.	10/3/00	
OK	A58	6,172,419	B1	Kinsman	1/9/01	
OK	A59	6,060,778		Jeong et al.	5/9/00	
OK	A60	5,866,949		Schueller	2/2/99	
OK	A61	6,107,689		Kozono	8/22/00	
OK	A62	6,100,804		Brady et al.	8/8/00	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cited No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Info. Appear	T ⁶
OK	A63	EP	503 201 A2		12/20/91		
OK	A64	JP	64001269		1/5/89		
OK	A65	JP	4056262		2/24/92		
OK	A66	JP	62126661		6/8/87		
OK	A67	JP	63128736		6/1/88		
OK	A68	JP	63244654		10/12/88		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	12-15-04

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CH	A69	5,646,828	Degani et al.	7/8/97	
CH	A70	6,160,705	Stearns et al.	12/12/00	
CH	A71	6,184,463	B1	Panchou et al.	2/6/01
CH	A72	5,977,640	Bertin et al.	11/2/99	
CH	A73	6,001,671	Fjelstad	12/14/99	
CH	A74	5,436,203	Lin	7/25/95	
CH	A75	6,126,428	Mitchell et al.	10/3/00	
CH	A76	5,986,317	Wiese	11/16/99	
CH	A77	5,545,922	Golwalkar et al.	8/13/96	
CH	A78	6,118,184	Ishio et al.	9/12/00	
CH	A79	4,729,061	Brown	3/88	
CH	A80	5,796,586	Lee et al.	8/98	
CH	A81	6,329,709	Moden et al.	12/01	
CH	A82	6,541,854	B2	Huang et al.	4/1/03
CH	A83	6,515,356	B1	Shin et al.	2/4/03
CH	A84	6,399,418	B1	Glenn et al.	6/4/02
CH	A85	5,952,611	Eng et al.	9/14/99	

FOREIGN PATENT DOCUMENTS

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CN	A86	5,474,957		Urushima	12/12/95		
CN	A87	5,491,612		Nicewarner, Jr.	2/13/96		
CN	A88	5,668,405		Yamashita	9/16/97		
CN	A89	5,696,666		Miles et al.	12/9/97		
CN	A90	5,737,191		Horiuchi et al.	4/7/98		
CN	A91	5,763,939		Yamashita	6/9/98		
CN	A92	5,777,387		Yamashita et al.	7/7/98		
CN	A93	5,819,398		Wakefield	10/13/98		
CN	A94	6,395,578	B1	Shin et al.	5/28/02		
CN	A95	6,501,184	B1	Shin et al.	12/31/02		
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				Examiner name: L. Andujar		GROUP: unknown	
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CA	A01	6,452,278	B1	DiCaprio et al.	09/17/2002		
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CA	B01	JP	11-204565	Toshiba Corp.	07/30/1999	Eng. Abstract	
CA	B02	KR	1999-0080278		11/05/1999		
CA	B03	KR	1999-0065599		08/05/1999		
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